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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	Application Number	10/615,337	
	Filing Date	July 7, 2003	
	First Named Inventor	Steven Moder	
	Group Art Unit Number	2173	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	12*	Attorney Docket Number	23564-07876

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SIGNATURE OF ATTORNEY OR AGENT		
Signature:		
Attorney/Reg. No.:	Robert R. Sachs, Reg. No. 42,120	Dated: 4 19 05

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Steven Moder, et al.  
APPLICATION NO.: 10/615,337  
FILING DATE: July 7, 2003  
TITLE: VIRTUAL COLLABORATIVE EDITING ROOM  
EXAMINER: John W. Cabeca  
GROUP ART UNIT: 2173  
ATTY. DKT. NO.: 23564-07876

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INFORMATION DISCLOSURE STATEMENT  
Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed non-patent reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
  - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this


certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

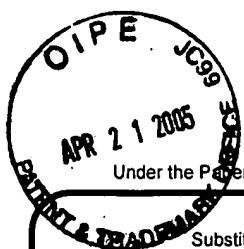
- ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. APPLICATION NO., filed on DATE FILED, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
STEVEN MODER, ET AL.

Dated: 4 15 05

By:   
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/615,337
Filing Date	July 7, 2003
First Named Inventor	Steven Moder
Art Unit	2173
Examiner Name	John W. Cabeca
Attorney Docket Number	23564-07876

Sheet 1 of 9

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document No.		Name of Patentee or Applicant of Cited Document
		Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	
	A1	US2002/0063780A1	05-30-2002	Harman et al.
	A2	US2003/0112325A1	06-19-2003	Boyden et al.
	A3	US2003/0058363A1	03-27-2003	Boyden et al.
	A4	US2003/0058334A1	03-27-2003	Boyden et al.
	A5	US 4,890,314	12-26-1989	Judd et al.
	A6	US 4,928,301	05-22-1990	Smoot
	A7	US 5,038,224	08-06-1991	Martulli et al.
	A8	US 5,117,285	05-26-1992	Nelson et al.
	A9	US 5,187,571	02-16-1993	Braun et al.
	A10	US 5,335,022	08-02-1994	Braun et al.
	A11	US 5,400,069	03-21-1995	Braun et al.
	A12	US 5,572,248	11-05-1996	Allen et al.
	A13	US 5,612,733	03-18-1997	Flohr
	A14	US-2,420,198	05-06-1947	Rosenthal
	A15	US-4,400,724	08-23-1983	Fields
	A16	US-4,890,314	12-26-1989	Judd et al.
	A17	US-4,928,301	05-22-1990	Smoot
	A18	US-5,117,285	05-26-1992	Nelson et al.
	A19	US-5,187,571	02-16-1993	Braun et al.
	A20	US-5,335,022	08-02-1994	Braun et al.
	A21	US-5,400,069	03-21-1995	Braun et al.
	A22	US-5,572,248	11-05-1996	Allen et al.
	A23	US-5,883,606	03-16-1999	Smoot

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Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Application No.	10/615,337
Filing Date	July 7, 2003
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Art Unit	2173
Examiner Name	John W. Cabeca
Attorney Docket Number	23564-07876

Sheet 2 of 8

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C1	AHUJA, S.R. et al., <i>The Rapport Multimedia Conferencing System</i> , Conference Sponsored by ACM SIGOIS and IEEECS TC-OA on Office Information Systems, Palo Alto, California, US, 1998, Pages: 1-8.	
	C2	BARAKONYI, István et al., <i>Augmented Reality Videoconferencing for Collaborative Work</i> , Proc. of the 2nd Hungarian Conference on Computer Graphics and Geometry, Budapest, Hungary, May 2003, 8 pages.	
	C3	BISHOP, Gary et al., <i>Working in the Office of "Real Soon Now,"</i> IEEE Computer Graphics and Applications, July/August 2000, pp. 76-78	
	C4	BLY, Sara et al., <i>Media Spaces: Bringing People Together in a Video</i> , Audio, and Computing Environment, Communications of the ACM, Vol. 36, No. 1, January 1993, pp. 27-46.	
	C5	BRITTAN, David, <i>Being There: The Promise of Multimedia Communications</i> , In MIT Technology Review, May/June 1992, pp. 42-50.	
	C6	BUXTON, Bill et al., <i>Europarc's Integrated Interactive Intermedia Facility (IIIF): Early Experiences</i> , Proc. IFIP WG8.4 Conference on Multi-user Interfaces and Applications, Heraklion, Crete, September 1990.	
	C7	BUXTON, W., <i>Telepresence: Integrating Shared Task and Person Spaces</i> , Proceedings of the conference on Graphics interface '92, Vancouver, British Columbia, Canada, 1992, pp. 123-129.	
	C8	CHEN, Milton, <i>Design of a Virtual Auditorium</i> , Proceedings of ACM Multimedia, Minneapolis, 2001, pp. 19-28.	
	C9	CHEN, Milton, <i>Leveraging the Asymmetric Sensitivity of Eye Contact for</i>	

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23564/07876/DOCS/1519193.1

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Sheet 3 of 8

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		<i>Videoconference</i> , Proceedings of CHI, Vol. No. 4, Issue No. 1, April 20-25, 2002, pp. 49-56	
	C10	DOURISH, Paul et al., <i>Portholes: Supporting Awareness in a Distributed Work Group</i> , Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, Monterey, CA, US, 1992, pp. 541-547.	
	C11	FISH, Robert et al., <i>The Video Window System in Informal Communications</i> , Proceedings of the 1990 ACM Conference on Computer Supported Cooperative Work, pp. 1-11	
	C12	GAGEN, Martin, <i>Interactive Telepresence Case Studies</i> , Teliris Ltd., New York, NY, US, June 2002, pp. 1-8.	
	C13	GAVER, William et al., <i>One is Not Enough: Multiple Views in a Media Space</i> , Proceedings of the SIGCHI conference on Human factors in computing systems, Amsterdam, The Netherlands, 1993, pp. 335-341.	
	C14	GREENHALGH, C. et al., <i>MASSIVE: A Collaborative Virtual Environment for Teleconferencing</i> , ACM Transactions on Computer-Human Interaction, Vol. 2, No. 3, September 1995, pp. 239-261.	
	C15	HEATH, Christian et al., <i>Disembodied Conduct: Interactional Asymmetries in Video-Mediated Communication</i> , Published in: Technology in Working Order: Studies of Work, Interaction, and Technology, Graham Button, editor, London 1993, pp. 35-54.	
	C16	HEIM, Jan et al., <i>Videotelephony Fitness-for-Purpose Requirements</i> , ACTS Project AC314 Vis-à-vis: Fitness-for-Purpose of Videotelephony in Face-to-Face Situations, CEC Deliverable A314/UoN/SoP/DS/R/001/b1, May 1998, pp. 1-48.	
	C17	HOLLAN, Jim et al., <i>Beyond Being There</i> , Proceedings of the SIGCHI conference on Human factors in computing systems, Monterey, California, US, 1992, pp. 119 - 125.	
	C18	ISAACS, Ellen et al., <i>What Video Can and Can't Do For Collaboration: A Case Study</i> , Proceedings of the First ACM International Conference on	

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Attorney Docket Number	23564-07876

Sheet 4 of 8

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		Multimedia, Anaheim, California, US, 1993, pp. 199-206.	
	C19	JANCKE, Gavin et al., <i>Linking Public Spaces: Technical and Social Issues</i> , Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, Seattle, Washington, US, 2001, pp. 530-537.	
	C20	JANCKE, Gavin et al., <i>Presenting to Local and Remote Audiences: Design and Use of the TELEP System</i> , CHI Letters, Vol. 2, Issue 1, April 2000, pp. 384-391.	
	C21	KELSHIKAR, Nikhil, <i>Real-Time Terascale Implementation of Tele-immersion</i> , International Conference on Computational Science (ICCS), June, 2003, 10 pages.	
	C22	KUZUOKA, Hideaki et al., <i>Agora: A Remote Collaboration System that Enables Mutual Monitoring</i> , in CHI'99 Extended Abstracts, 1999, 2 pages.	
	C23	LOW, Kok-Lim, <i>Life-Sized Projector-Based Dioramas</i> , Proceedings of ACM Symposium on Virtual Reality Software and Technology 2001 (VRST 2001), November 2001, 9 pages.	
	C24	MAJUMDER, Aditi et al., <i>Immersive Teleconferencing: A New Algorithm to Generate Seamless Panoramic Video Imagery</i> , Proc ACM Multimedia'99, 1999, 8 pages.	
	C25	MAOJUN, Zhang et al., <i>VCS: A Virtual Environment Support for Awareness and Collaboration</i> , ACM Multimedia, October 1999, pp. 163-165.	
	C26	MARK, Gloria et al., <i>An Experiment Using Life-size HDTV</i> , WACE 2001 Proceedings, pp. 1-6.	
	C27	MARK, Gloria et al., <i>Group-to-Group Distance Collaboration: Examining the "Space Between,"</i> Proceedings of the 8 <sup>th</sup> European Conference of Computer-supported Cooperative Work, September 14-18, 2003, Finland, pp. 1-20.	
	C28	MARK, Gloria, <i>Extreme Collaboration</i> , Communications of the ACM, December 2001, pp. 1-8.	
	C29	MORIKAWA, Osamu et al., <i>HyperMirror: Toward Pleasant-to-use Video</i>	

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Sheet 5 of 8

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		<i>Mediated Communication System</i> , Proceedings of the 1998 ACM conference on Computer supported cooperative work, 1998, pp. 149-158.	
	C30	NIELSEN, Jakob, <i>CHI92 Trip Report</i> , Monterey, CS, May 3-7, 1992, [Retrieved on November 12, 2003]. Retrieved from the Internet: URL< <a href="http://www.useit.com/papers/tripreports/chi92.html">http://www.useit.com/papers/tripreports/chi92.html</a> > pp. 1-5.	
	C31	OKADA, Ken-ichi et al., <i>Multiparty Videoconferencing at Virtual Social Distance: MAJIC Design</i> , Proceedings of CSCW '94. Chapel Hill, NC: ACM, 1994, pp. 385-393.	
	C32	Polycom Video Communications, Collaboration Solutions, <i>Video Streaming With Polycom iPower™ Video Collaboration Solutions</i> , ©2002, pp. 1-5.	
	C33	Polycom Video Communications, Collaboration Solutions, <i>Visual Collaboration Using Polycom iPower Video Conferencing Systems</i> , ©2002, 6 pages.	
	C34	RASKAR, Ramesh et al., <i>Multi-Projector Displays Using Camera-Based Registration</i> , IEEE Visualization, San Francisco, October 1999, 8 pages.	
	C35	RASKAR, Ramesh et al., <i>The Office of the Future: A Unified Approach to Image-Based Modeling and Spatially Immersive Displays</i> , SIGGRAPH 98, Orlando, Florida, July 19-24, 1998 (Computer Graphics Proceedings, Annual Conference Series, 1998), pp. 1-10.	
	C36	RASKAR, Ramesh, <i>Immersive Planar Display Using Roughly Aligned Projectors</i> , Proceedings of the IEEE Virtual Reality 2000 Conference,	
	C37	REYNARD, Gail, <i>Vivid: A Symbiosis Between Virtual Reality and Video Conferencing</i> , UKERNA Video Conferencing Workshop, Nottingham University, May 1996, pp. 1-11	
	C38	SADAGIC, Amela et al., <i>Tele-immersion Portal: Towards an Ultimate Synthesis of Computer Graphics and Computer Vision</i> , The 4th Annual International Workshop on Presence, May 21-23, 2001, 8 pages.	
	C39	TAKEMURA, Haruo et al., <i>Cooperative Work Environment Using Virtual</i>	

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		<i>Workspace</i> , Proceedings of the 1992 ACM conference on Computer-supported Cooperative Work, Toronto, Ontario, Canada, 1992, pp. 226-232.	
	C40	TANG, John et al., <i>Montage: Providing Teleproximity for Distributed Groups</i> , Proceedings of the SIGCHI conference on Human Factors in Computing Systems: Celebrating Interdependence, Boston, Massachusetts, US, 1994, pp. 37-43.	
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**INFORMATION DISCLOSURE  
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Application No.	10/615,337
Filing Date	July 7, 2003
First Named Inventor	Steven Moder
Art Unit	2173
Examiner Name	John W. Cabeca
Attorney Docket Number	23564-07876

Sheet 7 of 8

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>8</sup>
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